

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification⁶ :

D21F 1/08

A1

(11) International Publication Number:

WO 99/64666

(43) International Publication Date:

16 December 1999 (16.12.99)

(21) International Application Number: PCT/FI99/00458

(22) International Filing Date: 27 May 1999 (27.05.99)

(30) Priority Data:

981286

5 June 1998 (05.06.98)

FI

(71) Applicant (for all designated States except US): VALMET CORPORATION [FI/FI]; Panuntie 6, FIN-00620 Helsinki (FI).

(72) Inventors; and

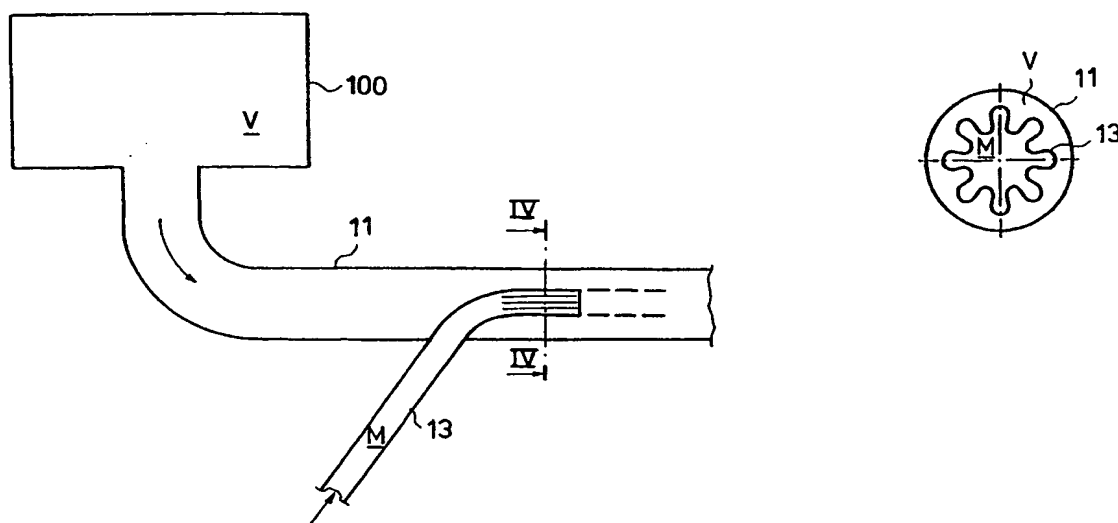
(75) Inventors/Applicants (for US only): RAHKOMAA, Jouni [FI/FI]; Ketokuja 3, FIN-33730 Tampere (FI). SOINI, Sakari [FI/FI]; Kermisenkuja 5 C 16, FIN-31400 Somero (FI).

(74) Agent: FORSSÉN & SALOMAA OY; Yrjönkatu 30, FIN-00100 Helsinki (FI).

(81) Designated States: AE, AL, AM, AT, AT (Utility model), AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, CZ (Utility model), DE, DE (Utility model), DK, DK (Utility model), EE, EE (Utility model), ES, FI, FI (Utility model), GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK (Utility model), SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published*With international search report.**Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.**In English translation (filed in Finnish).*

(54) Title: EQUIPMENT AND METHOD IN A PAPER OR BOARD MACHINE FOR MIXING OF FRESH STOCK AND OF WATER FOR DILUTION OF FRESH STOCK

**(57) Abstract**

The invention concerns an equipment and a method in a paper or board machine for mixing fresh stock (M) with water (V) used for dilution of the fresh stock. At the point of mixing (K) of the dilution water (V) and the fresh stock (M) passed from the pipe (13), there is at least one such pipe portion as comprises a wave-shaped form in its connection in the cross section of the pipe.